

Message Text

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ORIGIN SCI-06

INFO OCT-01 EA-11 ADP-00 SS-15 EB-11 NSC-10 SSO-00 NSCE-00

L-03 INT-08 SCEM-02 AEC-11 EPA-04 CEQ-02 AID-20

CIAE-00 COME-00 FRB-02 INR-10 NSAE-00 RSC-01 TRSE-00

XMB-07 OPIC-12 CIEP-02 LAB-06 SIL-01 OMB-01 STR-08

CEA-02 H-03 PA-03 PRS-01 USIE-00 INRE-00 AGR-20

DOT-00 /183 R

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7/19/73 EXT. 22432

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EB - MR. KATZ, ACTING

S/S - MR. GAMMON

----- 110596

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FM SECSTATE WASHDC

TO AMEMBASSY TOKYO IMMEDIATE

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E.O. 11652 GDS

TAGS: TECH, ENGR, JA

SUBJECT: US-JAPAN AGREEMENT ON ENERGY R&D

REFS: (A) TOKYO 8982; (B) STATE 136477; (C) TOKYO 8902;

(D) STATE 133523; (E) TOKYO 7235; (F) TOKYO 9139

1. CIRCULAR 175 AUTHORIZATION FOR SUBJECT AGREEMENT
SIGNED. PROPOSED DRAFT SUBMITTED HERewith FOR EMBASSY
INFO AND PRESENTATION TO GOJ AS DEEMED APPROPRIATE, IN
LIGHT DISCUSSION AT ECONCOM.

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2. EMBASSY SHOULD NOTE AGREEMENT DOES NOT REFLECT
PRESUMPTION IN PARA 3, REFTEL (D) THAT ALL TECHNOLOGIES
MENTIONED BY MITI (AS REPORTED REFTEL (E)) ARE SATIS-
FACTORY. AEC DECIDED NOT TO PROPOSE COOPERATION IN

CTR AND IS UNABLE TO AGREE WITH GOJ PROPOSAL FOR COOPERATION IN USE OF LASERS IN ENERGY SYSTEMS. SOME AREAS OF TECHNOLOGY PROPOSED BY MITI REDEFINED TO REFLECT WHAT AGENCIES BELIEVE INTENDED. SEPTTEL WILL PROVIDE FURTHER EXPLANATION; IN FORM OF EXAMPLES, EACH TECHNOLOGICAL AREA FOR BENEFIT EMBASSY AND JAPANESE IN FUTURE NEGOTIATIONS.

3. BEGIN TEXT:

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AGREEMENT BETWEEN THE GOVERNMENT OF
THE UNITED STATES OF AMERICA AND THE
GOVERNMENT OF JAPAN ON COOPERATION
IN ENERGY RESEARCH AND DEVELOPMENT.

THE GOVERNMENT OF THE UNITED STATES OF AMERICA AND THE
GOVERNMENT OF JAPAN,

BELIEVING THAT:

(A) THE CONTINUED GOOD HEALTH AND PROSPERITY OF
THEIR PEOPLES REQUIRE ADEQUATE SUPPLIES OF ENERGY TO
SUPPORT THEIR INDUSTRY AND THEIR STANDARD OF LIVING;

(B) THE HEALTH AND PROSPERITY OF FUTURE GENERA-
TIONS REQUIRE ACTION NOW TO ENSURE THAT NON-RENEWABLE
ENERGY RESOURCES ARE NOT SQUANDERED AND THAT SUCH
RESOURCES ARE AVAILABLE FOR FUTURE USE;

(C) TO MEET PRESENT AND FUTURE POWER NEEDS,
IMPROVEMENTS MUST BE MADE NOW CONSISTENT WITH MEETING
ENVIRONMENTAL CONCERNS, IN THE EFFECTIVE AND EFFICIENT
USE OF ENERGY AND ENERGY RESOURCES;

CONVINCED THAT THE INTERESTS OF BOTH GOVERNMENTS ARE
BEST SERVED THROUGH JOINT COOPERATION IN RESEARCH AND
DEVELOPMENT OF MEANS AND METHODS OF (A) MAKING MORE
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EFFECTIVE USE OF NATURAL ENERGY RESOURCES; (B) IN-
CREASING THE EFFICIENCY OF ENERGY CONVERSION AND
TRANSMISSION, AND (C) CONSERVING ENERGY.

RECOGNIZING THAT SIGNIFICANT MUTUAL BENEFIT IS BEING
DERIVED BY BOTH GOVERNMENTS FROM ONGOING COOPERATION
IN VARIOUS FIELDS WHICH INCLUDE CERTAIN ACTIVITIES
RELATED TO ENERGY RESEARCH AND DEVELOPMENT; AND

DESIRING TO DEMONSTRATE AND FORMALIZE THE INCREASED
IMPORTANCE ATTACHED BY BOTH GOVERNMENTS TO COOPERATION
IN ENERGY RESEARCH AND DEVELOPMENT;

HAVE AGREED AS FOLLOWS:

ARTICLE I

THE TWO GOVERNMENTS THROUGH THEIR APPROPRIATE AGENCIES
WILL MAINTAIN AND INTENSIFY THEIR COOPERATION IN THE
FIELD OF ENERGY RESEARCH AND DEVELOPMENT ON THE BASIS

OF MUTUAL BENEFIT.

ARTICLE II

COOPERATION MAY TAKE THE FOLLOWING FORMS:

(A) MEETINGS TO DISCUSS MAJOR ENERGY RESEARCH AND
DEVELOPMENT POLICY ISSUES, TO EXPLORE, DISCUSS AND
EXCHANGE, INFORMATION ON TECHNICAL AND SCIENTIFIC ASPECTS
OF SPECIFIC SUBJECTS, TO IDENTIFY RESEARCH AND DEVELOP-
MENT PROGRAMS AND PROJECTS WHICH MAY BE USEFULLY UNDER-
TAKEN ON A COOPERATIVE BASIS, AND TO REVIEW CURRENT
AND FUTURE ACTIVITIES AND ACCOMPLISHMENTS UNDER THIS
AGREEMENT;

(B) EXCHANGE OF INFORMATION AND DATA ON RESEARCH
AND DEVELOPMENT ACTIVITIES, POLICIES, PRACTICES, LEGIS-
LATION AND REGULATIONS, AND ANALYSES OF CURRENT PROGRAMS
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AND PROJECTS;

(C) VISITS BY SCIENTISTS, TECHNICIANS OR AD-
MINISTRATORS ON SPECIFIC OR GENERAL SUBJECTS;

(D) COORDINATION OF SPECIFIC RESEARCH PROGRAMS; AND

(E) CONDUCT OF JOINT PROJECTS OR PROGRAMS;
INCLUDING THE CONSTRUCTION AND OPERATION OF FACILITIES,
LOCATED IN EITHER THE UNITED STATES OR JAPAN.

ARTICLE III

COOPERATION MAY BE UNDERTAKEN IN MUTUALLY AGREED AREAS
PERTAINING TO ENERGY RESOURCES, ENERGY CONVERSION AND
TRANSMISSION, AND ENERGY CONSERVATION, SUCH AS:

- (A) MAGNETOHYDRODYNAMIC CONVERSION;
- (B) SOLAR ENERGY APPLICATIONS;
- (C) STORAGE BATTERIES;
- (D) COAL GASIFICATION;
- (E) GEOTHERMAL ENERGY APPLICATIONS;

- (F) ELECTRICAL ENERGY TRANSMISSION BY SUPER-CONDUCTION, MICROWAVES, OR HIGH VOLTAGE AC-DC;
- (G) ELECTRICAL POWER GENERATION BY COMBUSTION OF WASTE MATERIALS;
- (H) ELECTRICAL POWER GENERATION BY GAS TURBINES;
- (I) ELECTRICAL, MECHANICAL, PHYSICAL AND CHEMICAL PROPERTIES OF MATERIALS USED IN HIGH TEMPERATURE

POWER CYCLES;

- (J) AUTOMATED OR REMOTELY CONTROLLED SYSTEMS FOR USE IN ENERGY PRODUCTION;

- (K) COMPUTER NETWORKS FOR CONTROL OF ELECTRICAL ENERGY GENERATION, TRANSMISSION, AND DISTRIBUTION;

- (L) UTILIZATION OF WASTE HEAT FROM POWER PLANTS;

- (M) PROGRAMS FOR ENERGY CONSERVATION;

- (N) OTHER AREAS RELATING TO ENERGY RESEARCH

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AND DEVELOPMENT AS MAY BE AGREED.

ARTICLE IV

IMPLEMENTING AGREEMENTS FOR CARRYING OUT SPECIFIC PROJECTS AND PROGRAMS IN MUTUALLY AGREED AREAS WILL BE CONCLUDED BETWEEN THE APPROPRIATE AGENCIES OF THE TWO GOVERNMENTS. THESE IMPLEMENTING AGREEMENTS WILL SPECIFY THE DETAILS OF THE COOPERATIVE PROGRAMS AND PROJECTS AND SUCH TERMS AND CONDITIONS AS MAY BE APPROPRIATE.

ARTICLE V

EACH GOVERNMENT WILL NOTIFY THE OTHER OF ITS POINT OF COORDINATION RESPONSIBLE FOR THE CONDUCT OF ITS ACTIVITIES UNDER THIS AGREEMENT. EACH GOVERNMENT MAY ALSO IDENTIFY SUCH ADMINISTRATIVE ARRANGEMENTS AS IT DEEMS DESIRABLE TO PERMIT ITS MOST EFFECTIVE PARTICIPATION IN THE VARIOUS COOPERATIVE ACTIVITIES UNDER THIS AGREEMENT. AS MUTUALLY AGREED, MEETINGS WILL BE HELD, ALTERNATELY IN WASHINGTON AND TOKYO, TO REVIEW CURRENT AND FUTURE ACTIVITIES AND ACCOMPLISHMENTS UNDER THIS AGREEMENT.

ARTICLE VI

SCIENTIFIC AND TECHNOLOGICAL INFORMATION OF A NON-PROPRIETARY NATURE DERIVED FROM THE COOPERATIVE ACTIVITIES UNDER THIS AGREEMENT WILL BE MADE AVAILABLE TO THE WORLD SCIENTIFIC COMMUNITY, THROUGH

CUSTOMARY CHANNELS AND IN ACCORDANCE WITH THE NORMAL
PROCEDURES OF THE PARTICIPATING AGENCIES.

THE DISPOSTION OF PATENTS, KNOW-HOW AND OTHER
PROPRIETARY PROPERTY DERIVED FROM THE COOPERATIVE
ACTIVITIES UNDER THIS AGREEMENT WILL BE PROVIDED
FOR IN THE IMPLEMENTING AGREEMENTS FOR SPECIFIC
PRO

<< END OF DOCUMENT >>

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